

K. K. Naturhistorische Hofmuseum, Vienna, Austria; Deutsche Seewarte, Hamburg, Germany; K. B. Akademie der Wissenschaften, Munich, Bavaria; Württembergische Commission für Landesgeschichte, Stuttgart; Messrs. Friedländer & Sons, Berlin, Prussia; Society of Antiquaries, Geological Society, London, England; Royal Irish Academy, Dublin; Public Library, Salem, Mass.; American Chemical Society, New York, N. Y.; Bureau of Statistics of New Jersey, Trenton; Pennsylvania Forestry Association, Dr. J. C. Ayer & Co., Dr. Charles A. Oliver, Messrs. Henry Phillips, Jr., Julius F. Sachse, Prof. M. B. Snyder, Philadelphia, Pa.; U. S. Fish Commission, Hydrographic Office, Washington, D. C.; Mr. William Harden, Savannah, Ga.; State Historical Society of Wisconsin, Madison; Agricultural Experiment Stations, Kingston, R. I., Blacksburg, Va., Lexington, Ky., Manhattan, Kans., Fort Collins, Col., Laramie, Wyo.

Pending nominations Nos. 1249, 1250, 1253, 1255 and 1256 were read.

A motion to introduce electric lighting into the building was after discussion withdrawn.

And the Society was adjourned by the Presiding Member.

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*Stated Meeting, March 17, 1893.*

Mr. PRICE in the Chair.

Correspondence was submitted as follows:

A letter from Hon. Robert E. Pattison, Harrisburg, Pa., accepting membership.

A letter from Prof. Robert E. Thompson, Philadelphia, resigning from membership at end of the current year, which was accepted.

The Journal of the United States Artillery School, Fortress Monroe, Va., was placed on the Proceedings exchange list.

Letters of envoy were received from the Meteorological Office, London, Eng.; Royal Irish Academy, Dublin, Ireland; Observatorio Astronómico Nacional, Mexicano, Tacubaya.

Letters of acknowledgment (139) were received from the Theological Seminary, Andover, Mass.; New York Academy of Sciences, Columbia College, New York; New Jersey Historical Society, Newark; Prof. Charles F. Himes, Carlisle, Pa.; Rev. F. A. Muhlenberg, Reading, Pa.; Department of State, Washington, D. C.; Prof. James B. Angell, Ann Arbor, Mich.; Col. William Ludlow, Gen. W. F. Reynolds, Detroit, Mich.; State Library, Lansing, Mich.; Oberlin College, Oberlin, O.; Prof. E. W. Claypole, Akron, O.; University of Cincinnati, Hon. J. D. Cox, Cincinnati Observatory, Cincinnati, O.; Dr. Robert Peter, Lexington, Ky.; Geological Survey of Missouri, Jefferson City; Academy of Sciences, St. Louis, Mo.; Historical Society, Chicago, Ill.; State Historical Society of Wisconsin, Madison; University of California, Prof. Joseph LeConte, Berkeley, Cal.; Lick Observatory, Mount Hamilton, Cal.; Prof. J. C. Branner, Palo Alto, Cal.; Prof. Daniel Kirkwood, Riverside, Cal.; Free Public Library, San Francisco, Cal.; Academy of Natural Sciences, Davenport, Ia.; State University of Iowa, Iowa City; Washburn College, Kansas Academy of Science, Topeka; Agricultural Experiment Stations, Las Cruces, N. M., Lincoln, Neb., Laramie, Wyo.; University of Arizona, Tucson.

Accessions to the Library were reported from the K. Nordiske Oldskrift Selskab, Copenhagen, Denmark; Société Batave de Philosophie Expérimentale, Rotterdam, Holland; Physikalische Gesellschaft, Berlin, Prussia; Verein für Erdkunde, Metz, Lorraine; K. B. Akademie, München, Bavaria; Messrs. Alphonse Pictet, Henri de Saussure, Geneva, Switzerland; Società Africana D'Italia, Naples; Direzione Generale della Statistica, Rome, Italy; Société Languedocienne de Géographie, Montpellier, France; Mr. Manuel de Peralta, Madrid, Spain; Meteorological Office, London, Eng.; Literary and Philosophical Society, Manchester, Eng.; Mr. Robert T. Swan, Boston, Mass.; Free Public Library, New Bedford,

Mass.; Scientific Alliance, New York, N. Y.; Pennsylvania State College, Harrisburg; Mr. Herbert Welsh, Philadelphia; Smithsonian Institution, United States Geographical and Geological Survey of the Rocky Mountains, Adjutant General's Office, Washington, D. C.; Artillery School, Fortress Monroe, Va.; Society of Natural History, Cincinnati, O.; Academy of Science, Tacoma, Washington; Agricultural Experiment Stations, College Park, Md., Morgantown, W. Va., Little Rock, Ark.

The following decease of members was announced:

Hippolyte Taine, Paris, March 5, 1893, æt. 65.

William B. Rogers, Philadelphia, March 15, 1893, æt. 55.

On motion, the President was requested to prepare an obituary notice of Mr. Rogers.

Secretary Barker presented for the Transactions a paper by Prof. Francis C. Phillips entitled, "Researches upon the Chemical Properties of Gases," which was referred to Drs. Barker, Marshall and Smith, a Committee to examine and report upon the same.

A paper by Prof. A. S. Packard, entitled "The Life Histories of Certain Moths of the Families *Ceratocampidæ* and *Hemileucidæ*, etc.," was presented by the Secretaries for the Proceedings.

Prof. Snyder presented a paper by W. F. McK. Ritter, "On a New Method of Determining the General Perturbation of the Minor Planets."

Dr. Cope presented a paper by Prof. Dwight, on "*Psoas Parvus* and *Pyramidalis*."

Pending nominations Nos. 1249, 1250, 1253, 1255, 1256, were read.

According to notice, the stated business of the evening, the question of withdrawing the Society's collections now on deposit in other institutions, was taken up.

The following minute of the meeting of Council was read :

STATED MEETING, FEBRUARY 10, 1893.

Present : Messrs. Morris, Brinton, Baird, Ingham.

In the absence of the President, on motion, Mr. Baird took the chair.

Minutes of the last meeting of Council were read.

Dr. Brinton, acting Clerk, read the resolution of the Society which was referred to Council for action.

Dr. Morris read the resolution of the Curators, and gave his reasons for holding that the collections of the Society should be retained and exhibited in its present hall.

Mr. Ingham moved that all the collections of the Society be brought back to the hall of the Society ; seconded by Dr. Morris.

Dr. Brinton spoke strenuously in opposition to the motion, and claimed that it was contrary to the spirit of the act incorporating the Society.

Other remarks were made by the members present, Dr. Morris urging the adoption of the motion as in accordance with the spirit of the Society.

The motion being put by the Chair, it was carried.

The Council was adjourned by the Chair at 9.30.

D. G. BRINTON, *Clerk.*

Mr. Prime moved to lay the resolution of Council on the table, but subsequently withdrew the motion in order that the subject might be fully discussed. An animated debate ensued, participated in by Messrs. Houston, Prime, Brinton, Morris, Cope, Jayne, Biddle, Du Bois, Barker, Field and others.

The Presiding Member stated certain reasons that in his opinion rendered the return of the collections at the present time desirable.

The question being put and a call of the yeas and nays demanded, the motion was lost by a vote of 16 nays to 8 ayes.

And the Society was adjourned by the Presiding Member.